

**ZHEJIANG  
UX18 Multimode  
Engineering  
Gateway**



# ZHEJIANG UX18 Multimode Engineering Gateway User Guide

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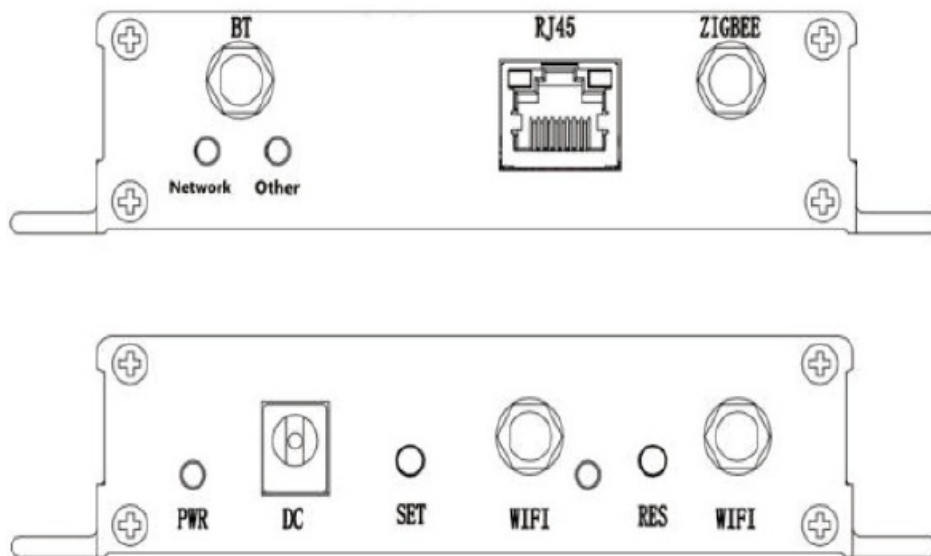
# ZHEJIANG

**ZHEJIANG UX18 Multimode Engineering Gateway**



## Product introduction

The multimode engineering gateway consists of a highly integrated wireless Wi-F, a module, a low-energy wireless Bluetooth module, a Zigbee module, and a motherboard. Through the Jizhi Light Control App, users can realize device addition, device reset, third-party control, and Bluetooth group control to meet the needs of intelligent scenes.



<b>BT</b>	<b>BLE antenna</b>
<b>ZIGBEE</b>	<b>ZIGBEE antenna</b>
<b>WIFI</b>	<b>WIFI antenna</b>
<b>RJ45</b>	<b>Network port terminals</b>
<b>DC</b>	<b>Power connector</b>
<b>Other</b>	<b>Obligate indicator</b>
<b>Network</b>	<b>Distribution network indicator</b>
<b>PWR</b>	<b>Power LED</b>
<b>SET</b>	<b>Settings button</b>
<b>RES</b>	<b>Reset button</b>

### Instructions for use

1. Search for " Light+Space " in the app store or scan the QR code below, download and install the App and register an account;
2. Wait for 30 s on the device until the blue light flashes and the device enters the state of the network to be distributed;
3. Open the "Light+Space" App and follow the following prompts for network distribution operations:
  - **[Wireless Pairing]**
    - Click "+" in the upper right corner to be automatically discovered by the device or manually add "Gateways and Others – Wireless Gateway (Bluetooth)";
    - Press and hold the RES key 5s, confirm that the gateway "Network" blue light flashes, and click Next;
    - The App automatically searches for "Multimode Engineering Gateway", click "+" on the right side of

the device name;

- Enter your WIFI account and password, and click Next;
- The right side of the device name displays a green “✓”, click Next, click Finish, assign the device to the space you specified, and the binding is complete.

- **[Wired Pairing]**

- Use the network cable to connect the gateway to the router to ensure that the mobile phone WIFI and the gateway are in the same LAN;
- Click “+” in the upper right corner to manually add “Gateways & Others – Wired Gateways (Zigbee)”;
- Press and hold the RES key 5s, confirm that the gateway “Network” blue light flashes, and click Next;
- The app automatically searches for “multi-mode engineering gateway”, click “+” on the right side of the device name;
- The device automatically distributes the network operation, after completing the registration, the

right side of the device name displays a green “✓”, click Next, click Finish, assign the device to the space you specified, and the binding is completed.

- **[Add sub-device]**

Press the SET key, and the gateway automatically binds searchable BLE or ZigBee sub-devices.



device status	Description of key operation and indicator light status
Inactive state power up	All lights stay on until the program is started, then go out, and the blue lights flash to enter the state of waiting for distribution network.
Pending distribution network	The blue light flashes rapidly (500ms/ time)
Distribution network success	The device is successfully connected to the network, and the blue light belt is always on for 5s, and then goes out; If the equipment is not connected successfully, it will always be in the state of waiting for distribution network.
Searched for but not connected to Wi-Fi	The blue light flashes rapidly (500ms/ time) until it is connected and goes out.
Active state Power off and power on again.	All lights stay on until the program starts and goes out, and the blue lights stay on for 5s and then go out after the equipment is successfully connected to the cloud.
Status reset has been activated.	Long press the RES button for 5s, and the blue light will be on for a long time, and it will flash quickly (500ms/ time) after the equipment starts up and enters the network to be distributed.
Add child device	Press the SET button briefly, the blue light flashes (1500ms/ time), and the device automatically adds sub-devices.

## Product specifications

Name	Multimode Engineering Gateway
Model	UX18
Power input	5V≈2A
Operating temperature	-10°C~55°C
Operating humidity	10%~90%RH(No condensation)
Wireless protocol	2.4G Wi-Fi
	BT4.2、ZigBee
Size	127*131.5*29.3mm
Net weight	280g

### Packing list

- Equipment\*1
- Antenna\*4
- Instructions\*1
- Screw pack\*1
- Adapter\*1

### Multimode Engineering(BLE+ZigBee) Gateway

Product instruction manual and three packs of cards

### WARNING:

Operation of this equipment in a residential environment could cause radio interference.

### Declaration of toxic and harmful substances in electronic information products

Part	Toxic and harmful substances or elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Plastics	○	○	○	○	○	○
Metal	○	○	○	○	○	○
PCBA	○	○	○	○	○	○

This table has been prepared by the provisions of SJ/T11364-2014.

- **○**: Indicates that the content of the toxic and harmful substance in all homogeneous materials of the part is

below the limit requirements stipulated in GB/T26572-2011;

- **X:** Indicates that the toxic and harmful substances are at least contained in a homogeneous material of the component that exceeds the limit requirements specified in the GB/T26572-2011 standard.



The environmental protection period of the digital identification products in the normal use state in this label is 10 years, and some components may also have environmental protection service life identification, and the environmental service life is subject to the number in the logo.

## Warranty Policy

The after-sales service of the multi-mode engineering gateway is strictly based on the “Law of the People’s Republic of China on the Protection of Consumer Rights and Interests” and the “Product Quality Law of the People’s Republic of China”, and the after-sales three-guarantee service is implemented, and the service content is as follows

1. Within 7 days from the date of your signature, if the product has a product performance failure, you can enjoy the return or exchange service for free.
2. Within 8-15 days from the date of receipt, the product has a product performance failure, and you can enjoy free replacement or maintenance services;
3. Within 12 months from the date of receipt, the product has a product performance failure, and you can receive free maintenance services.

## Non-warranty regulations

1. Unauthorized repair, misuse, collision, negligence, abuse, liquid intake, accident, alteration, use of parts other than this product, or tearing or altering labels or security marks;
2. The validity period of the three packs has exceeded,
3. Damage caused by force majeure,
4. Other damage or failure is caused by other problems such as design, technology, manufacturing, and quality of the product itself.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices). This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**FCC Radiation Exposure Statement:**

The equipment complies with FCC Radiation exposure limits set forth for the controlled enviroment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.


**Three-pack voucher**

Name.....	TEL .....
Add .....	SN .....
Model .....	Date .....

**Three-pack voucher**

Name.....	TEL .....
Add .....	SN .....
Model .....	Date .....

**Documents / Resources**

	<a href="#">ZHEJIANG UX18 Multimode Engineering Gateway</a> [pdf] User Guide 2BEWX-UX18, 2BEWXUX18, ux18, UX18 Multimode Engineering Gateway, UX18, Multimode Engineering Gateway, Engineering Gateway, Gateway
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**References**

- [User Manual](#)